

IN THE CLAIMS:

Please amend claims 7, 14, and 15 herein. Please cancel claims 1-3, 5, 6, 9-11, and 16-18. Please note that all claims currently pending and under consideration in the above-referenced application are shown below. Please enter these claims as amended. This listing of claims will replace all prior versions and listings of claims in the application.

Listing of Claims:

Claims 1-6 (Canceled)

7. (Currently amended) A rocket motor, comprising:
an insulation material disposed between an inner surface of a case of the rocket motor and a propellant, the insulation material consisting ~~essentially~~ of a low-density ethylene propylene diene monomer polymer, at least one flame-retardant, ~~and a polymeric~~ an organic filler selected from the group consisting of polyvinyl chloride, polyphenylene sulfide, melamine, and a homopolymer of vinylidene ~~chloride~~ chloride, and at least one additive selected from the group consisting of at least one antioxidant, at least one cure accelerator, at least one cure activator, at least one tackifier, at least one plasticizer, and mixtures thereof.

8. (Original) The rocket motor of claim 7, wherein the at least one flame-retardant comprises at least one organic flame-retardant and at least one inorganic flame-retardant.

Claims 9-13 (Canceled)

14. (Currently amended) A method of insulating a rocket motor comprising:
producing an insulation material consisting ~~essentially~~ of a low-density ethylene propylene diene monomer polymer, at least one flame-retardant, ~~and a polymeric~~ an organic filler selected from the group consisting of polyvinyl chloride, polyphenylene sulfide, melamine, and a homopolymer of vinylidene ~~chloride~~ chloride, and at least one additive selected from the

group consisting of at least one antioxidant, at least one cure accelerator, at least one cure activator, at least one tackifier, at least one plasticizer, and mixtures thereof; and
applying the insulation material to an inner surface of a case of the rocket motor.

15. (Currently amended) The method of claim 14, wherein producing an insulation material ~~consisting essentially of a low density ethylene propylene diene monomer polymer, at least one flame retardant, and a polymeric organic filler selected from the group consisting of polyvinyl chloride, polyphenylene sulfide, melamine, and a homopolymer of vinylidene chloride~~ comprises producing an insulation material comprising at least one organic flame-retardant and at least one inorganic flame-retardant.

Claims 16-19 (Canceled)

20. (Original) The method of claim 14, further comprising:
curing the insulation material to form an insulation layer positioned between the inner surface of the case of the rocket motor and a propellant.